INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/018367

	ATION OF SUBJECT MATTER C22C5/06, G11B7/24		
According to Inte	ernational Patent Classification (IPC) or to both national	al classification and IPC	
B. FIELDS SE	ARCHED		
Minimum docum Int.Cl ⁷	tentation searched (classification system followed by cl C22C5/06, G11B7/24, G02F1/133	assification symbols) 35	
Jitsuyo Kokai Ji	tsuyo Shinan Koho 1971-2005 To	tsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2005 1994-2005
Electronic data b	ase consulted during the international search (name of o	oata base and, where practicable, search t	erms usea)
C. DOCUMEN	TS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
X A	JP 2002-226927 A (Hitachi Me 14 August, 2002 (14.08.02), Claims; Par. Nos. [0023] to [(Family: none)		1-3,6-11
x	JP 2002-323611 A (Kobe Steel 08 November, 2002 (08.11.02), Claims; Par. Nos. [0038] to [& US 2003-143342 Al		1-3,6-7,9-11
X	JP 2003-155561 A (Mitsubishi 30 May, 2003 (30.05.03), Claims; Par. No. [0006] (Family: none)	Materials Corp.),	1-3,7-11
× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	
Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance "E" carlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 12 January, 2005 (12.01.05)		Date of mailing of the international search report 01 February, 2005 (01.02.05)	
Japanes	gaddress of the ISA/ se Patent Office	Authorized officer Telephone No.	
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT	
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X	JP 3365762 B2 (Kobe Steel, Ltd.), 01 November, 2002 (01.11.02), Claims; Par. No. (0050) & US 2002-150772 A1	1,3,5-11
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